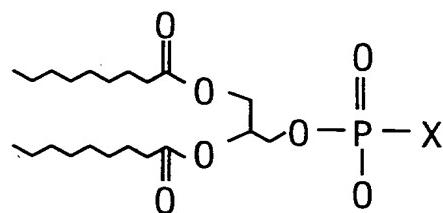
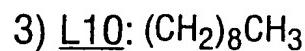
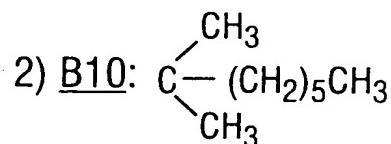


DACH Platinum(II) Complex

R Group

- 1) NDDP: $(R_1+R_2+R_3=C_8H_{19})$



Phospholipids

X Group

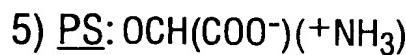
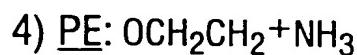
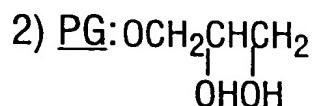
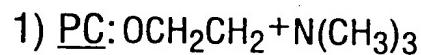


FIG. 1

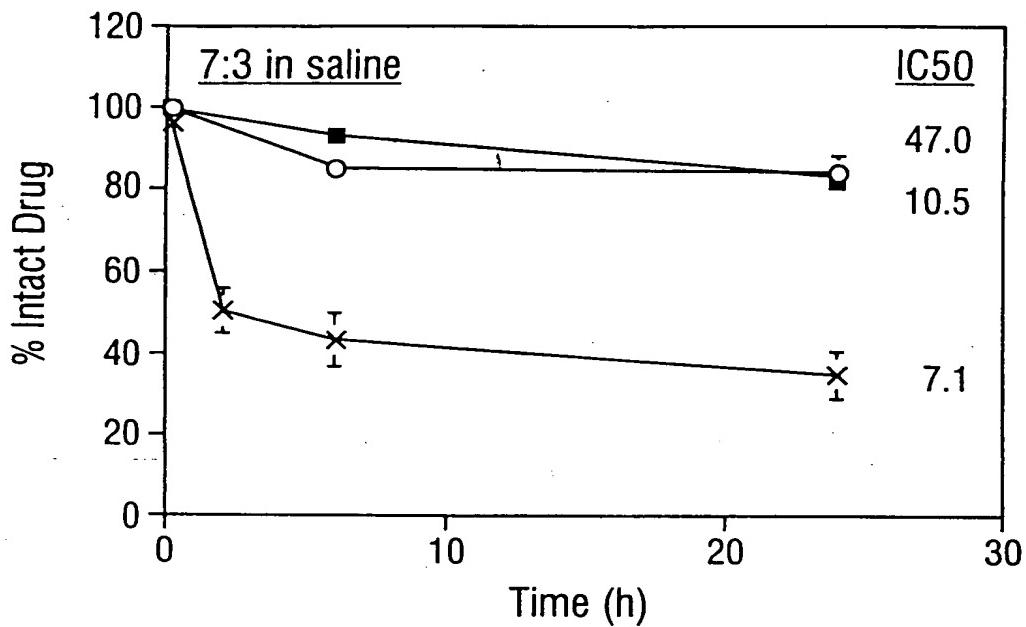


FIG. 2A

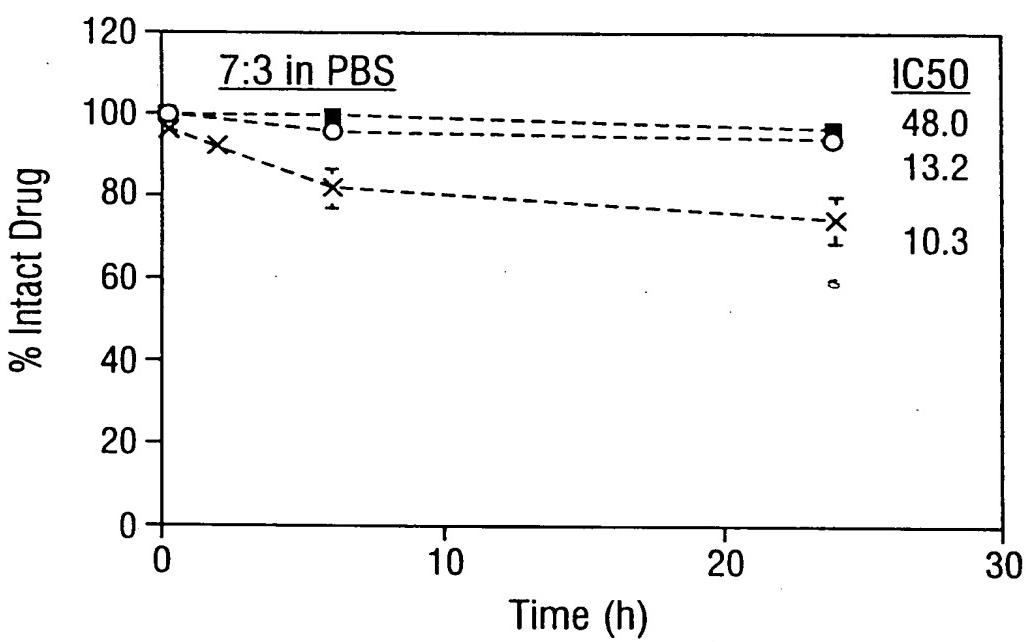


FIG. 2B

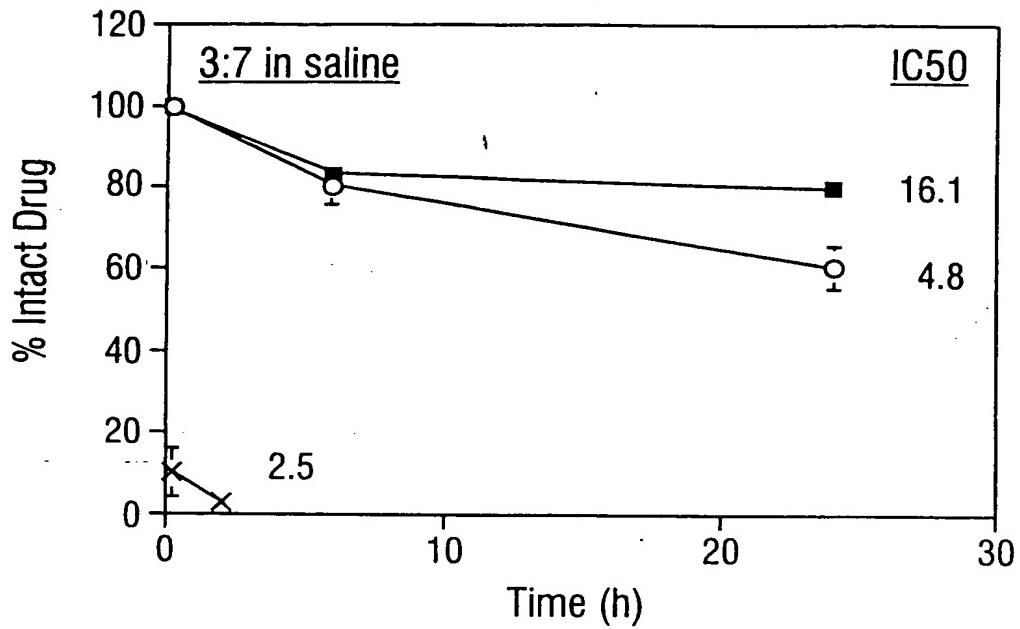


FIG. 2C

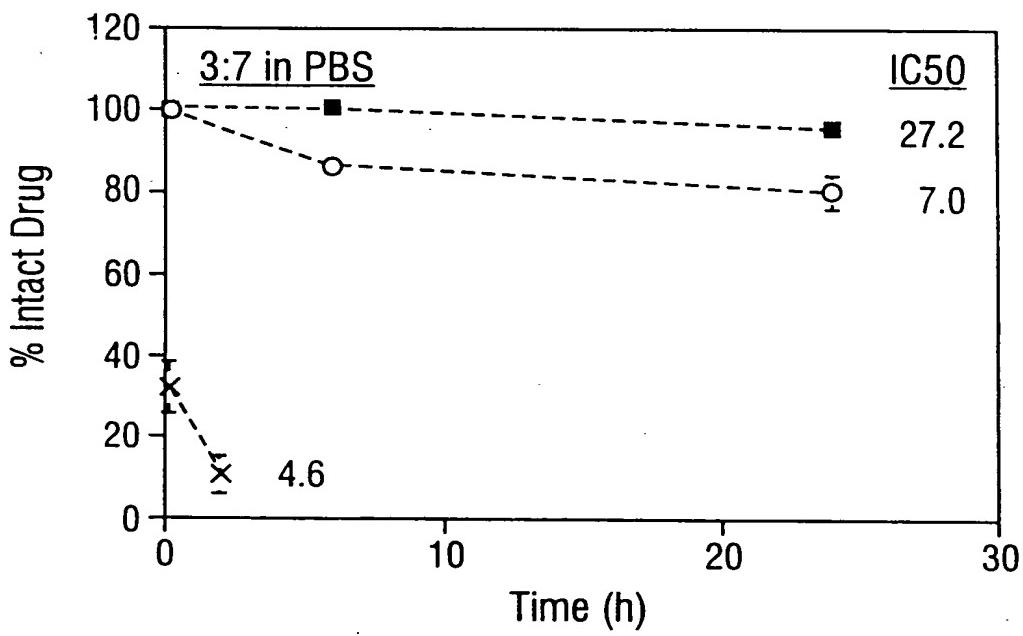


FIG. 2D

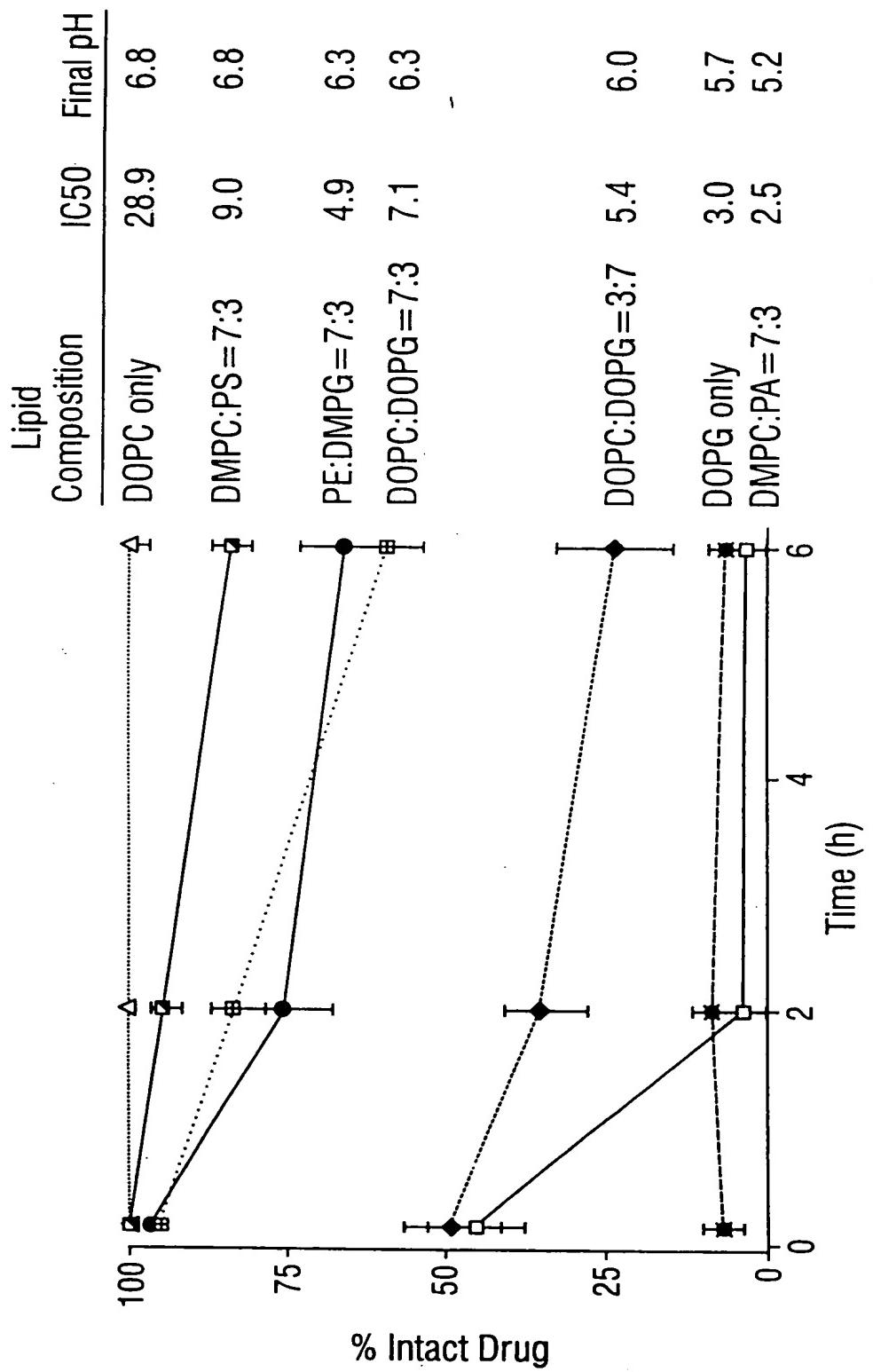


FIG. 3

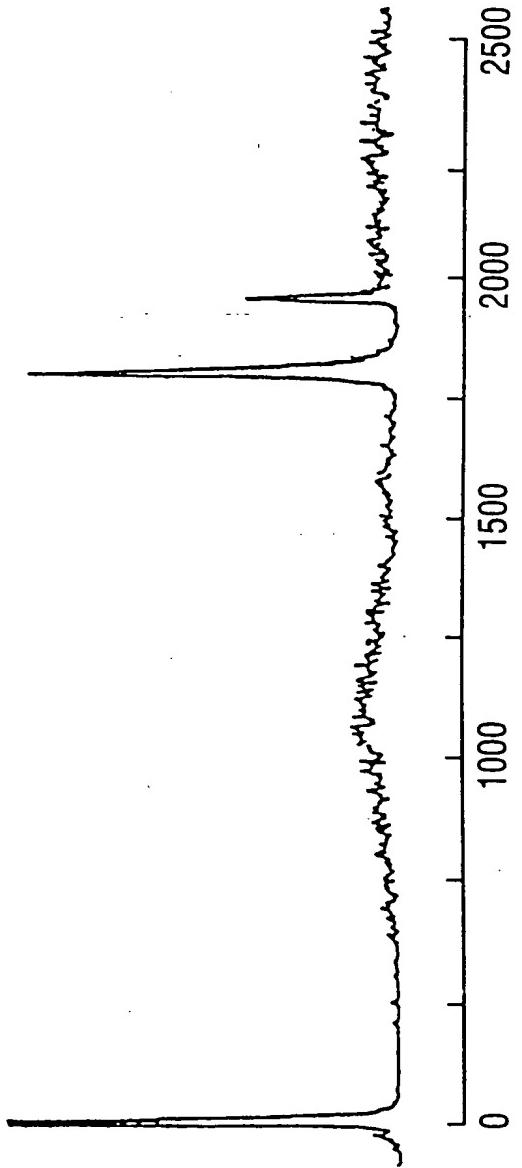


FIG. 4A

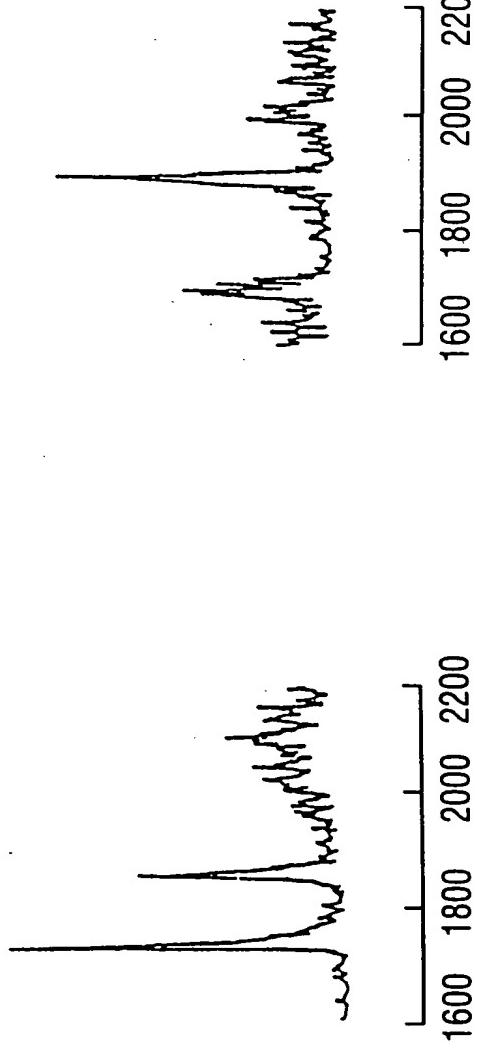


FIG. 4B

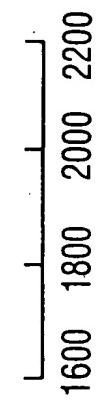
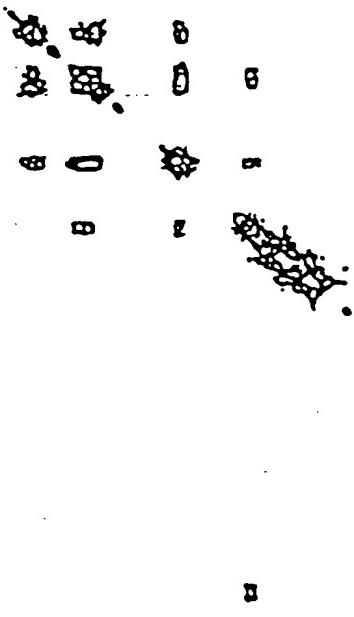
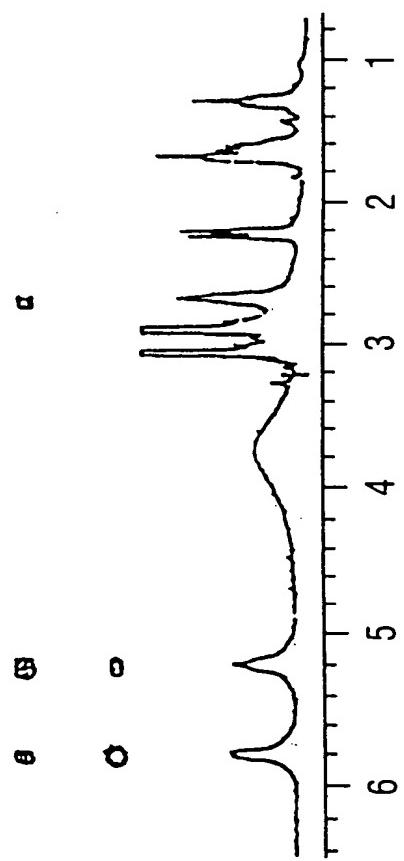


FIG. 4C

FIG. 5A



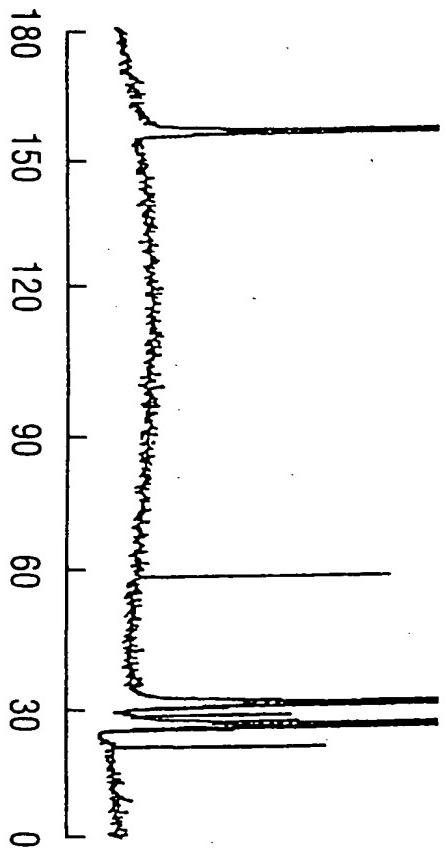


FIG. 5B

With lipids in chloroform solutions

Drying the lipids by evaporating chloroform



Mixing dry lipids and NDDP in t-butanol

Lyophilization of
t-butanol

6 h at 40°C

Preliposomal NDDP powder

Sample 3

Reconstitution in saline
6 h at 25°C (pH=6.0)

Extraction with
chloroform

Lyophilization of water

Sample 1

Sample 2

FIG. 6A

With lipids in dry powder

Mixing the lipids and NDDP

Dissolving them in different solution

1) t-Butanol:water=10:1 2) Methanol 3) Chloroform

Sample 4

Sample 5

Sample 6

Lyophilization for 1 d

Preliposomal NDDP powder

Reconstitution
in saline
(pH=6.5-7.0)

Sample 7

Reconstitution
in saline
(pH=3.0-4.0)

Sample 8

FIG. 6B